MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MAY, 1928

J. A. BROWN, DIRECTOR

SEP 19 1928

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MAY 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	761.7	761.8	762.1	761.9	23.6	16.8		12.0	
2	759.4	758.7	756.6	758.2	24.2	16.7		1.5	
3	5.8	5.0	5.7	5.5	30.7	21.0		11.0	
4	2.2	6.9	8.4	5.8	34.5	26.3		6.1	
5	9.3	9.2	9.5	9.3	35.0	19.1		7.4	
6	758.3	758.6	760.3	759.1	30.6	18.1		9.3	
7	762.0	761.5	1.7	761.7	23.9	16.8		12.6	
8	2.0	0.7	0.7	1.1	23.9	16.7		12.2	
9	758.3	757.7	758.7	758.2	27.0	21.1		9.8	
10	9.6	760.6	760.3	760.2	34.5	24.4		4.5	
11	762.1	761.7	761.3	761.7	34.2	18.9		12.2	
12	1.8	1.1	1.2	1.4	24.4	17.5		13.0	
13	1.5	1.0	1.0	1.2	23.9	16.9		12.8	
14	0.9	759.8	0.6	0.4	24.6	17 9		11.7	
15	0.2	760.1	0.1	760.1	26.0	18.4		12.4	
16	760.5	760.7	760.9	760.7	26.7	18.8		13.2	
17	0.6	759.7	759.7	0.0	26.9	20.2		12.8	
18	0.2	9.8	9.5	759.8	28.5	21.1		13.0	
19	758.6	8.2	8.4	8.4	28.9	21.4		12.7	
20	6.7	4.6	755 9	5.7	29.6	22.7		13.0	
21	757.5	757.4	757.8	757.6	36.2	21.0		12.8	
22	8.2	8.9	9.7	8 9	27.3	21.0		9.8	
23	760.2	760.7	9.6	760.2	27.4	20.0		11.1	
24	759.2	759.1	760 8	759 7	29.0	20.0		12.0	
25	761.6	761.1	1.7	761.5	30.1	20.6		11.8	
26	760.3	760.3	759.9	760.2	27.8	20.6		16.6	
27	0.3	759.8	760.8	0.3	27.6	18.4		13.1	
28	0.0	761.6	759.9	0.5	27.0	18.9		2.4	4.32
29	758.0	759.3	9.6	759.0	25.4	18.3		8.5	0.51
30	761 1	760.4	760.0	760.5	25.9	17.9		13.4	0.51
31	759 3	758.8	759.8	759.3	25.6	18.7		12.6	
	759 59	759.51	759.75	759.61	28.09	19.55		10.72	0.17

BAROMETER

Maximum 762.1 on 1st & 11th

Minimum 752.2 on 4th

THERMOMETER

Maximum 36.2 on 21st

Minimum 16.7 on 2nd & 8th

RAINFALL

Maximum 4.32 on 28th

Number of days with rain 3, fog 0, thunderstorms 0, gale 0

MAY 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	21.8	24.7	19.5	22.0	18.6	20 8	17.9	17.3	15.4	13.9	14.3	70	67	83	73
2	22.2	24.6	24.8	23.9	18.4	18.2	19.5	13.3	11.7	13.3	12.8	66	51	57	58
3	27.5	33.7	27.1	29.4	19.3	21.8	18.4	11.8	12.2	10.8	11.6	42	30	40	37
4	34.3	28.8	21.5	27.2	20.4	19.5	17.6	11.0	12.9	12.4	12.1	27	52	65	48
5	21.9	22.8	19.4	21.7	18.6	19.3	17.3	13.6	14.2	13.2	13.7	69	69	79	72
6	21.9	23.4	19.2	21.5	18.3	19.3	18.9	13.2	13.8	13.3	13.4	67	65	80	71
7	21.5	23.0	19.7	21.4	18.5	19.6	18.6	13.1	14.6	15.2	14.3	64	69	89	74
8	23.7	26.4	22.8	24.3	16.7	20.9	19.4	10.2	14.6	14.4	13.1	47	56	70	58
9	31.7	30 0	26.2	29.3	22.5	21.5	19.7	13.7	13.9	12.9	13.5	39	45	51	45
10	28.9	25.9	21.8	25.5	20.4	21.9	19.4	12.6	16.6	15.1	14.8	43	66	77	62
11	22.1	24.0	19.8	22.0	19.4	20.1	17.6	14.8	14.7	13.4	14.3	75	65	78	73
12	21.5	23.6	18.7	21.3	17.7	18.3	16.2	12.5	12.4	12.1	12.3	66	57	75	66
13	22.3	23.9	20.8	22.3	18.7	19.5	18.4	13.5	13 8	14.0	13.8	67	62	77	68
14	23.1	25.2	21.1	23.1	20.1	20.9	19.6	15.4	15.4	15.6	15 5	73	64	83	73
15	24.4	26.5	21.1	24.0	21.5	22.6	16.0	16.8	17.3	10.0	14.7	74	66	53	64
16	23.9	25.6	21.7	23.7	20.1	21.5	20.1	14.8	16.1	16.1	15.7	67	66	83	72
17	25.1	26.7	23.3	25.0	20.3	22.9	20.7	14.4	17.7	16.1	16.1	61	67	75	68
18	26.4	28.0	25.1	26.5	23.4	22.4	20.4	18.9	16.0	14.8	16.6	74	57	63	65
19	27.1	29.2	26.1	27.5	23.7	22.6	18.2	18.6	15.7	11.0	15.1	68	52	43	54
20	27.4	35.8	24.8	29.3	21.5	22.1	22.2	15.3	12.5	17.8	15.2	57	28	76	53
21	24.4	26.9	22.1	24.5	20.4	22.1	19.8	14 9	16.1	15.6	15.5	66	61	79	68
22	24.3	26.6	22.2	24.4	21.3	22.4	20.2	16.5	16.7	15.0	16.1	74	65	76	72
23	24.8	28 1	23.1	25.3	21.4	23.2	19.3	16.4	17.3	13.5	15.7	70	61	61	64
24	27.5	29 2	22.7	26.5	20 9	23.9	21.0	14.0	18.0	17.2	16.6	51	59	84	65
25	25.2	26.9	22.0	24.7	20.8	22.3	19 5	15.1	13.9	15.0	14.6	63	62	76	67
26	24.7	26.5	21.4	24.2	21.3	21.9	19.2	16.3	16.2	14.8	15.7	71	62	77	70
27	23.9	25.8	20.6	23.4	20.4	21.3	18.2	15.4	15.6	13.8	14.9	69	63	77	70
28	24.2	18.6	23.4	22.1	20.7	17.4	18.9	15.6	13.9	13.3	14.2	69	88	62	73
29	23.4	24.0	20.5	22,6	19.0	19.6	17.1	13.6	13.9	12.2	13.2	62	62	66	64
30	23 9	25.3	21 0	23.4	19.1	19.2	17 9	13.2	12.7	13.1	13 0	59	53	70	61
31	22.5	23.9	19.8	22.1	18.7	19.9	18.1	13.5	14.6	13.4	13.8	66	66	73	68
	24.76	26.15	22.07	24.33	20.07	20 93	18.88	14.38	14.85	13 94	14.39	62.5	59 9	70.8	64.4

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MAY 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	1	4ci	1	2.0	2	1	0	224.5	mod.	
2	10ni	10ni	4str.cu	7.0	0	0	0	90.4	calm	
3	0	2ci	0	0.7	0	1	0	130.6	light	sirocco
4	6ci cu	8str.ci	0	4.7	4	2	0	385.8	rough	,, st. dy.
5	4str.cu	8ni	4str.cu	5.3	3w	4w	2s	370.1	,,	trace of rain
6	6str.ni	4str.cu	2str cu	4.0	3	2	1	326.4	slight	
7	4ci	2ci	0	2.0	1w	1nw	1n	172.5	light	mist in a.m.
8	3ci	4ci	0	2.3	1ne	1ne	1n	329.8	slight	
9	0	2ci	0	0.7	0	0	0	160.6	calm	sirocco
10	7ci cu	8ni	6str.ni	7.0	0	1s	3nw	167.9	mod.	haze in a.m.
11	0	0	0	0.0	2w	1nw	0	218.2	,,	mist d. day
12	0	0	0	0.0	1w	1	0	162.4	light	haze in a.m.
13	1str.	0	0	0.3	0	1nw	1n	128.1	,,	
14	4ci cu	2	0	2.0	0	0	0	150.0	,,	mist d. day
15	6ci	2ci	0	2.7	0	2w	0	103.2	calm	,, ,, ,,
16	0	1cu	0	0.3	1	1	1n	161.7	light	haze in a.m.
17	2ci	6ci	0	2.6	1w	2n	0	249.3	mod.	
18	0	1cu	0	0.3	0	1n	0	217.2	light	
19	0	1str.	0	0.3	0	0	0	127.3	calm	
20	1str.	0	0	0.3	1w	1se	0	88.0	,,	gn. br. in ev.
21	0	0	0	0.0	3s	3s	3	274.9	rough	haze all day
22	0	6ci str.	1ci	2.3	4	4	3s	413.2	,,	mist in a.m.
23	1	2	0	1.0	3w	4s	2	217.3	slight	,, ,, ,,
24	3ci	8ci	0	3.7	0	0	0	177.0	mod.	
25	1str cu	1ci cu	8str.ni	3.3	2	3s	2s	281.9	slight	
26	6str.ci	4str.	0	3.3	3s	4s	0	373.3	rough	
27	1	1	2ci str.	1.3	3s	3	0	199.2	mod.	
28	3str.cu	10ni	8ni	7.0	1s	1s	0	160.9	light	
29	8ci ni	6str.cu	4str.cu	6.0	0	3w	1w	277.1	rough	
30	2	1	10ni	4.3	1	1s	0	221.1	slight	
31	2str.cu	3str.	4str.cu	3.0	1w	1w	0	238.7	,,	
				2.57				219.31		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	4	7	8	0	11
2:30	2	1	0	1	7	8	4	3	5
8.30	4	0	0	0	3	3	1	1	19
Totals	6	2	0	1	14	18	13	4	35

N. B. — Cloud numbers without letters are all cu.
Wind ..... ,, ... ,, ... ,, ... ,, SW.